

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-8. (Canceled).

9. (Previously Presented) An LED lamp including at least one LED, comprising:

a heat sink;

at least one LED mechanically connected to the heat sink through screws or screw holes on or in a base bottom of the LED;

a driving circuit including an electrical connector, to which outgoing leads of the LEDs are connected; and

a transparent bulb housing mounted over the LED;

wherein the LED includes at least one LED chip directly mounted on a base of high heat connectivity;

wherein the LED chip is electrically connected to an applied power supply through a circuit board and the LED chip has a transparent medium layer disposed thereon;

wherein a base top surface is a light reflective surface or a light reflective surface is disposed around the base;

wherein the circuit board is disposed on the base; and

wherein the base is a metal base and a screw mechanically connects the heat sink to a bottom surface of the metal base.

10. (Original) The LED lamp according to claim 9, wherein, the electrical connector is a double-leg bayonet lamp head, multi-leg bayonet lamp head or a screw lamp head.

11. (Original) The LED lamp according to claim 9, wherein, the transparent housing is a transparent, colored or scattering bulb housing made of glass or plastic.

12. (Original) The LED lamp according to claim 9, wherein, a light converting material layer is coated on the inner surface of the bulb housing.

13. (Original) The LED lamp according to claim 9, wherein, the heat sink has heat dispersing flanges on it.

14. (Previously Presented) The LED lamp of claim 13, wherein, the heat sink has a plurality of gyroidal heat dispersing flanges.

15. (Original) The LED lamp according to claim 13, wherein, the inner surface of the heat sink is a light reflection surface.

16. (Original) The LED lamp according to claim 15, wherein, the inner surface is cylindrocanonical or parabolic.

17-23. (Canceled).